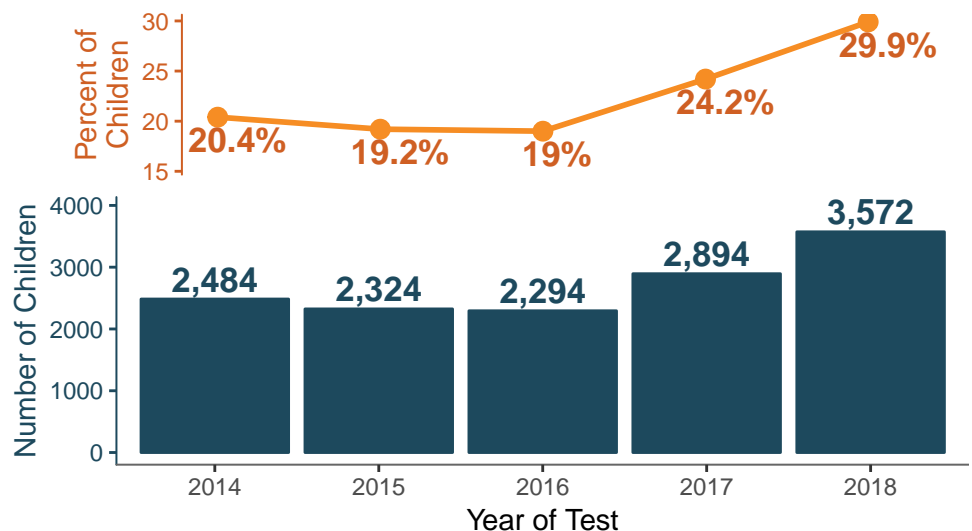


2018 LEAD EXPOSURE DATA BRIEF FOR THE GREATER MANCHESTER REGION

Lead poisoning is entirely preventable. However, nearly 1 million children living in the United States have blood levels high enough to impair their ability to think, learn, and concentrate.

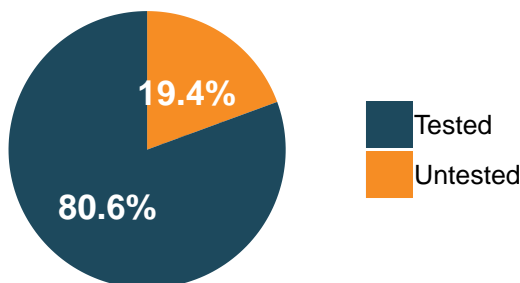
In 2018, 116 children (0 – 72 months old) in the Greater Manchester Region were identified with elevated blood lead levels of 5 ug/dL or higher.

Annual Number (and Percent) of Children, 0 to 72 Months Old, Tested for Blood Lead in the Greater Manchester Region 2014 – 2018



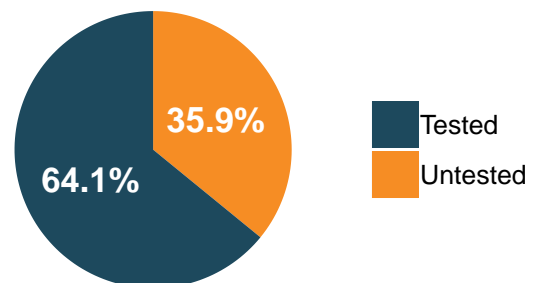
Percent of Children Tested per New Hampshire Screening and Management Guidelines

Percent of One-Year-Old Children Tested for Blood Lead



In 2018, 80.6% of one year-old (12–23 month-old) children residing in the Greater Manchester Region were tested for lead in their blood (1,603 of an estimated 1,988 children).

Percent of Two-Year-Old Children Tested for Blood Lead



In 2018, 64.1% of two year-old (24–35 month-old) children residing in the Greater Manchester Region were tested for lead in their blood (1,293 of an estimated 2,017 children).

In 2018, New Hampshire passed a state law requiring providers to conduct blood lead level tests for all one and two year-old children.

Childhood Lead Exposure by Town, 2018

TOWN	AGE GROUP (IN MONTHS)	POPULATION DPHS ESTIMATE 2018	NUMBER TESTED 2018	PERCENT TESTED (%) 2018	NUMBER WITH EBLL 5+ ug/dL 2018 ONLY	NUMBER WITH EBLL 5+ ug/dL 2014–2018	NUMBER WITH EBLL 10+ ug/dL VENOUS TESTS 2014–2018
AUBURN	0 to 72	288	105	36	0	1 – 4	0
	12 to 23	45	41	91	0	1 – 4	0
	24 to 35	47	47	100	0	0	0
BEDFORD	0 to 72	1358	322	24	1 – 4	13	1 – 4
	12 to 23	204	143	70	1 – 4	7	1 – 4
	24 to 35	207	116	56	1 – 4	1 – 4	1 – 4
CANDIA	0 to 72	200	50	25	1 – 4	7	0
	12 to 23	32	27	84	1 – 4	1 – 4	0
	24 to 35	32	14	44	0	1 – 4	0
DEERFIELD	0 to 72	292	89	30	1 – 4	13	0
	12 to 23	49	39	80	1 – 4	7	0
	24 to 35	50	34	68	1 – 4	1 – 4	0
GOFFSTOWN	0 to 72	844	225	27	6	19	5
	12 to 23	136	104	76	1 – 4	10	1 – 4
	24 to 35	138	78	56	1 – 4	1 – 4	1 – 4
HOOKSETT	0 to 72	853	224	26	1 – 4	12	1 – 4
	12 to 23	139	111	80	1 – 4	9	1 – 4
	24 to 35	137	70	51	1 – 4	1 – 4	0
NEW BOSTON	0 to 72	424	80	19	1 – 4	1 – 4	1 – 4
	12 to 23	68	39	57	1 – 4	1 – 4	1 – 4
	24 to 35	69	26	38	0	1 – 4	0
MANCHESTER	0 to 72	7689	2477	32	98	513	83
	12 to 23	1315	1099	84	41	202	37
	24 to 35	1337	908	68	29	164	25
CENTER MANCHESTER	0 to 72	2673	949	36	73	391	66
	12 to 23	463	407	88	29	146	28
	24 to 35	471	332	70	21	124	20
EAST MANCHESTER	0 to 72	3514	1076	31	19	61	8
	12 to 23	594	487	82	7	26	5
	24 to 35	603	397	66	7	23	1 – 4
WEST MANCHESTER	0 to 72	1501	452	30	6	61	9
	12 to 23	258	205	80	5	30	1 – 4
	24 to 35	263	179	68	1 – 4	17	1 – 4
GREATER MANCHESTER	0 to 72	11948	3572	30	116	583	94
	12 to 23	1988	1603	81	52	243	43
	24 to 35	2017	1293	64	34	178	29

Childhood blood lead test data is from the NH Healthy Homes Childhood Lead Poisoning Prevention Program. Elevated blood lead levels (EBLL) 5+ ug/dL is defined as a venous or capillary blood test with a result of 5 micrograms per deciliter (ug/dL) or higher. Exact numbers or percents cannot be reported when there are 1–4 cases due to suppression guidelines to protect privacy.

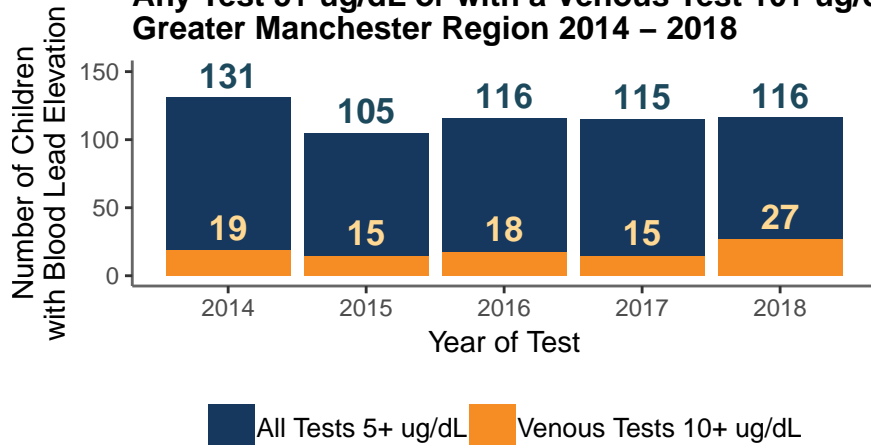
Childhood Lead Risk Factors by Town

TOWN	POPULATION UNDER 6 YO PERCENT (%)	HOUSING UNITS BUILT PRE-1950 PERCENT (%)	HOUSEHOLDS MOVED IN LAST YEAR PERCENT (%)	RENTED HOUSING UNITS W/ CHILDREN UNDER 6 YO PERCENT (%)	UNDER 6 YO LIVING BELOW FED. POVERTY LEVEL PERCENT (%)	UNDER 6 YO IN WITH NO HEALTH INSURANCE PERCENT (%)
AUBURN	6.3	12	4.3	13	0	6
BEDFORD	8.6	7	8.7	5	2.4	0
CANDIA	3.9	23	4.3	0	0	0
DEERFIELD	5.1	23	7.1	15	3.7	9.8
GOFFSTOWN	5.9	24	5.2	11	3.3	3.8
HOOKSETT	5.5	11	10.1	12	3.5	0
NEW BOSTON	6.8	10	6.8	4	0	0
MANCHESTER	6.7	39	16	65	19.7	2.4
CENTER MANCHESTER	7.5	70	20.5	86	36.9	1.7
EAST MANCHESTER	6.8	27	12.2	52	5.4	1.7
WEST MANCHESTER	5.6	24	17.9	62	25.2	4.9
GREATER MANCHESTER	6.7	30	12.9	44	12.9	2.1

Risk factor data is from the American Community Survey (ACS), 5-Year Estimate Data (2013–2017). Percent of renters with children under 6 yo was calculated from housing units with known occupancy status and known age of occupants. Under 6 yo living below federal poverty level was calculated from the number of children in households with income less than the federal poverty level for whom poverty status was determined. Note, percentages for smaller towns may have a large error.

Childhood Lead Exposure

Annual Number of Children 0 to 72 Months Old with Any Test 5+ ug/dL or with a Venous Test 10+ ug/dL Greater Manchester Region 2014 – 2018



It only takes a speck of lead dust the size of a grain of salt to poison a child

Number of Children 0 to 72 Months Old with Elevated Blood Lead Levels 5+ ug/dL by Town (or Census Tract) in the Greater Manchester Region, 2014–2018

